



HEAVY DUTY NF Floor Degreaser

Section 1: Identification

Product Name: HEAVY DUTY NF Floor Degreaser
Manufacturer's Name: Kitter Corporation
Address: 100 S. Cleveland (P.O. Box 9680) Amarillo, TX 79105
Emergency Phone Number: Chem-Tel 1-800-255-3924
Product Stewardship: 806-376-1448
Date Prepared: December 30, 2008

Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	50 - 90
2-Butoxyethanol	111-76-2	5-15
Sodium Hydroxide	1310-73-2	1-5
Sodium Gluconate	527-07-1	1-5
Tetrasodium salt of Ethylenediaminetetraacetic acid	64-02-8	<1

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)	OSHA PEL	ACGIH TLV
2-Butoxyethanol	100 ppm	100 ppm
Sodium Hydroxide	2 mg/ml	2 mg/ml

Section 3: Hazard Identification

Potential Health Effects:

Eyes: Severe irritant.
Skin: Product is a skin irritant. Prolonged or repeated exposure will cause skin irritation.
Ingestion: Harmful if swallowed Nausea and diarrhea possible, aspiration of material into lungs can cause chemical pneumonitis which can be fatal.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. Call for prompt medical attention.

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes or until irritation subsides. Call for prompt medical attention.
Skin Contact: Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of water. Use soap if available. Seek medical attention.
Ingestion: do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. Call for prompt medical attention.

Section 5: Fire Fighting Measures

Flash Point & Method: >200°F, TCC Method
Flammable Limits: LEL - N/A UEL - N/E
Auto Ignition Temperature: Not Determined
General Hazard: Corrosive or strongly alkaline liquid. Concentrate product solution in contact with aluminum releases hydrogen gas.
Fire Fighting Instructions: Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool containers in area.

Section 6: Accidental Release Measures

Small Spills: Soak up with absorbent. Shovel in waste containers. Flush area with water.
Large spills: Recover spilled material for reprocessing or disposal. See Section 13 for proper disposal information.

Section 7: Handling & Storage

Storage Temperature: Ambient
Storage Pressure: Atmospheric
General: Keep container closed when not in use. Store in a cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10) Follow all MSD Sheet and Label warnings even after emptied.

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Section 8: Exposure Control / Personal Protection

Engineering Controls: Local exhaust ventilation is acceptable Mechanical ventilation is recommended.

Personal Protection:

Respiratory Protection: If vapors, fumes or dusts are present use a MSHA or NIOSH approved respirator with a NIOSH alkaline cartridge.

Hand Protection: Alkali resistant gloves

Eye Protection: Side shield Safety glasses

Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

Specific Gravity (H ₂ O=1):	1.06	Boiling Point:	215°F
Vapor Pressure (mmHg):	N/A	pH:	12.5 – 13.5
Solubility in Water:	100%	Volatile by Volume:	90%

Appearance and Odor: Clear colorless liquid with a solvent odor

Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Flammable liquids, organic halogens, concentrated acids, or soft metals.

Hazardous Decomposition: Forced combustion yields carbon oxides.

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed: Information not available.

Section 12: Ecological Information

Aquatic Effects: Information not available

Section 13: Disposal Considerations

RCRA 40 CFR 261 Classification: Unused material is not regulated, however used material may contain regulated materials. Since Federal, State, and Local laws governing disposal of materials can differ; please ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

U.S. DOT Information:

Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s, (contains SODIUM HYDROXIDE)

Hazard Class: 8

Packing Group: III

UN Number: UN3266

Section 15: Regulatory Information

U.S. Federal Regulations:

MSDS complies with OSHA's Hazard Communication Rule, 29CFR1910.1200.

CERCLA/Superfund, 40 CFR 117: N/A

SARA Superfund and Reauthorization Act of 1986 Title III Section 302, 311 and 313:

Section 302: None of the chemicals are listed in Section 302

Section 311/312: By our hazard evaluation, this product is hazardous. EPA Hazard: Immediate (acute) health hazard.

Section 313: Contains 2-Butoxyethanol (CAS # 111-76-2) at 10%

Section 16: Other Information

Created: 12-30-2008

By: D. Sloan

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